

PATENT APPLICATION

In the United States Patent and Trademark Office

Applicant:

Wehler et al.

Docket No.:

10016.513

Date:

October 7, 2004

Application No.:

Filed:

Art Unit:

Examiner:

For: ROBOT WITH A LINE GUIDANCE DEVICE

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed

to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, .

Alexandria, VA 22313-1450

Signature

Jeffry W. Smith, Reg. No. 33455 Name of Applicant, assignee or Registered Representative

Information Disclosure Statement

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §1.56, Applicants wish to call the attention of the

Examiner to the following documents:

US Patent Documents

Issue Date	Patentee
04-15-1986	Van Camp
06-20-1989	Borsani
	04-15-1986

Applicant: Wehler et al. Application No.:



Foreign Patent Documents

Patent No.	Issue Date	<u>Patentee</u>
WO 93/05556	03-18-1993	Holshausen
WO 96/35887	11-14-1996	Moeckl
WO 98/40645	09-17-1998	Heidrich et al.
WO 98/52265	11-19-1998	Bro
WO 00/41284	07-13-2000	Blase
WO 01/09532 A1	02-08-2001	Kunert et al.
1.365.129	05-19-1964	Avica Equipment Ltd.
EP 0 260 740 A2	09-07-1987	Borsani
EP 0 197 546 B1	02-08-1989	Kimura et al.
EP 0 676 840 A1	04-11-1995	Elkuch
EP 0 789 167 A1	08-13-1997	Fukao
EP 0 787 378 B1	07-08-1998	Carr
EP 0 875 695 A1	11-04-1998	Wehler
EP 0 979 967 A2	02-16-2000	Hartmann
DE 44 26 598 C1	12-21-1995	Arzberger et al.
DE 196 17 900 A1	12 - 05-1996	Moeckl
DE 197 16 695 C1	12-10-1998	Wehler
DE 197 28 284 A1	02-04-1999	Reinecke et al.
DE 299 04 796 U1	08-19-1999	Rüttiger
DE 299 04 652 U1	05-25-2000	Hopmann
DE 200 12 232 U1	12-14-2000	protec Kabel Produktion
		GmbH
DE 200 08 054 U1	07-26-2001	Kuka Roboter GmbH
DE 201 12 491 U1	11-22-2001	Leoni Protec Cable Systems
		GmbH
DE 200 07 000 U1	07-26-2001	Kuka Roboter GmbH
DE 200 10 696 U1	08-30-2001	Kuka Roboter GmbH
DE 200 14 649 U1	10-31-2001	Kuka Roboter GmbH
DE 201 13 742 U1	12-13-2001	Leoni Protec Cable Systems GmbH
DE 201 13 950 U1	12-13-2001	Ernst & Engbring GmbH & Co.
DE 201 13 962 U1	12-13-2001	Ernst & Engbring GmbH & Co.

Applicant: Wehler et al. Application No.:





Copies of these documents are submitted herewith along with Form PTO/SB 08a.

Applicants respectfully request that these documents be expressly considered during the prosecution of this application and made of record herein and appear among the "documents cited" on any patent to issue herefrom.

Respectfully submitted,

With W. Smith, Reg. No. 33455

Attorney for Applicant SMITH & AMUNDSEN 440 Science Drive, Suite 302

Madison, WI 53711 (608) 663-8200



Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO

Sheet 1

Complete if Known Herbert Wehler

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number Filing Date First Named Inventor Art Unit **Examiner Name** Attorney Docket Number 10016.513

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-		^{US-} 4,582,281	04-15-1986	Van Camp	
		^{US-} 4,840,023	06-20-1989	Borsani	
		US-			
	 	US-			-
		US-			
		US-			
		US-		ANDONOS	
		US-			
		US-		***************************************	
		US-			
		US-			
	<u> </u>	US-			
	<u> </u>	US-			
	 	US-			
	 	US-		<u> </u>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	۳
		WO 93/05556	03-18-1993	Holhausen		
		WO 96/35887	11-14-1996	Moecki		
		WO 98/40645	09-17-1998	Heidrich et al.		
		WO 98/52265	11-19-1998	Bro		
		WO 00/41284	07-13-2000	Blase		
		WO 01/09532 A1	02-08-2001	Kunert et al.		

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.





Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 5

Complete if Known				
Application Number	111/510272			
Filing Date				
First Named Inventor	Herbert Wehler			
Art Unit				
Examiner Name				
Attorney Docket Number	10016.513			

	U. S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-		•	
· · · · · · · · · · · · · · · · · · ·		US-			
		US-			
-		US-			
		US-			

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		EP 0 260 740 A2	09-07-1987	Borsani		
		EP 0 197 546 B1	02-08-1989	Kimura et al.	,	
		EP 0 676 840 A1	04-11-1995	Elkuch		
		EP 0 789 167 A1	08-13-1997	Fukao		
		EP 0 787 378 B1	07-08-1998	Carr		
		EP 0 875 695 A1	11-04-1998	Wehler		

Examiner	Date	
Signature	Considered	

*EXAMINE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Complete if Known Substitute for form 1449/PTO Application Number Filing Date INFORMATION DISCLOSURE Herbert Wehler First Named Inventor STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet 3 Attorney Docket Number 10016.513

U. S. PATENT DOCUMENTS Examiner Cite **Document Number Publication Date** Name of Patentee or Pages, Columns, Lines, Where Initials* No. MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code² (# known) Figures Appear US-US-US-US-US-US-US-US-US-US-USus-US-US-USus-US-US: US-

		FORE	IGN PATENT DOCU	IMENTS		
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ'
		EP 0 979 967 A2	02-16-2000	Hartmann		
		DE 44 26 598 C1	12-21-1995	Arzberger et al		
-		DE 196 17 900 A1	12-05-1996	Moeckl		
		DE 197 16 695 C1	12-10-1998	Wehler		
		DE 197 28 284 A1	02-04-1999	Reinecke et al.		
		DE 299 04 796 U1	08-19-1999	Ruttiger		

Examiner	 Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known 5 1059					
Application Number	10001000				
Filing Date					
First Named Inventor	Herbert Wehler				
Art Unit					
Examiner Name					
Attorney Docket Number	10016.513				

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-	 		
		US-			
		US-			•
-		US-			
	 	US-			
		US-			
		US-			
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-			
		US-			
		US-			
		US-			
	<u> </u>	US-	-		-

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
		DE 299 04 652 U1	05-25-2000	Hopmann		
		DE 200 12 232 U1	12-14-2000	protec Kabel		
		DE 200 08 054 U1	07-26-2001	Kuka Roboter		
		DE 201 12 491 U1	11-22-2001	Leoni Protec		
		DE 200 07 000 U1	07-26-2001	Kuka Roboter		
		DE 200 10 696 U1	08-30-2001	Kuka Roboter		

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Sheet 5

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Complete if Known
Application Number

Filing Date
First Named Inventor
Art Unit
Examiner Name

Attorney Docket Number 10016.513

U. S. PATENT DOCUMENTS Examiner Cite **Publication Date** Name of Patentee or Pages, Columns, Lines, Where **Document Number** Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code² (# known) US-US US-US US-US-US-US-US-ÚS-US-US-US-US-USus-US-US-US-

Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ³ (<i>If known</i>)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear		
		MM-DD-YYYY			'	
	DE 200 14 649 U1	10-31-2001	Kuka Roboter			
	DE 201 13 742 U1	12-13-2001	Leoni Protec			
	DE 201 13 950 U1	12-13-2001	Ernst&Engbring			
	DE 201 13 962 U1	12-13-2001	Ernst&Engbring			
	1.365.129	05-19-1964	Avica Equip Ltd			
		Cite No.1 Country Code3 Number 1 Kind Code3 (If known) DE 200 14 649 U1 DE 201 13 742 U1 DE 201 13 950 U1 DE 201 13 962 U1	Cite No. 1 Foreign Patent Document Publication Date MM-DD-YYYY DE 200 14 649 U1 10-31-2001 DE 201 13 742 U1 12-13-2001 DE 201 13 950 U1 12-13-2001 DE 201 13 962 U1 12-13-2001	No. 1 Date MM-DD-YYYY Applicant of Cited Document DE 200 14 649 U1 10-31-2001 Kuka Roboter DE 201 13 742 U1 12-13-2001 Leoni Protec DE 201 13 950 U1 12-13-2001 Ernst&Engbring DE 201 13 962 U1 12-13-2001 Ernst&Engbring	Cite No. 1 Foreign Patent Document Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages Or Relevant Passages Or Relevant Figures Appear DE 200 14 649 U1 10-31-2001 Kuka Roboter DE 201 13 742 U1 12-13-2001 Leoni Protec DE 201 13 950 U1 12-13-2001 Ernst&Engbring DE 201 13 962 U1 12-13-2001 Ernst&Engbring	

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.